

977-Br. of 1872.

Fluid Lens

Fluid

~~350/418~~

359/665

FIG. 1.

Examiner

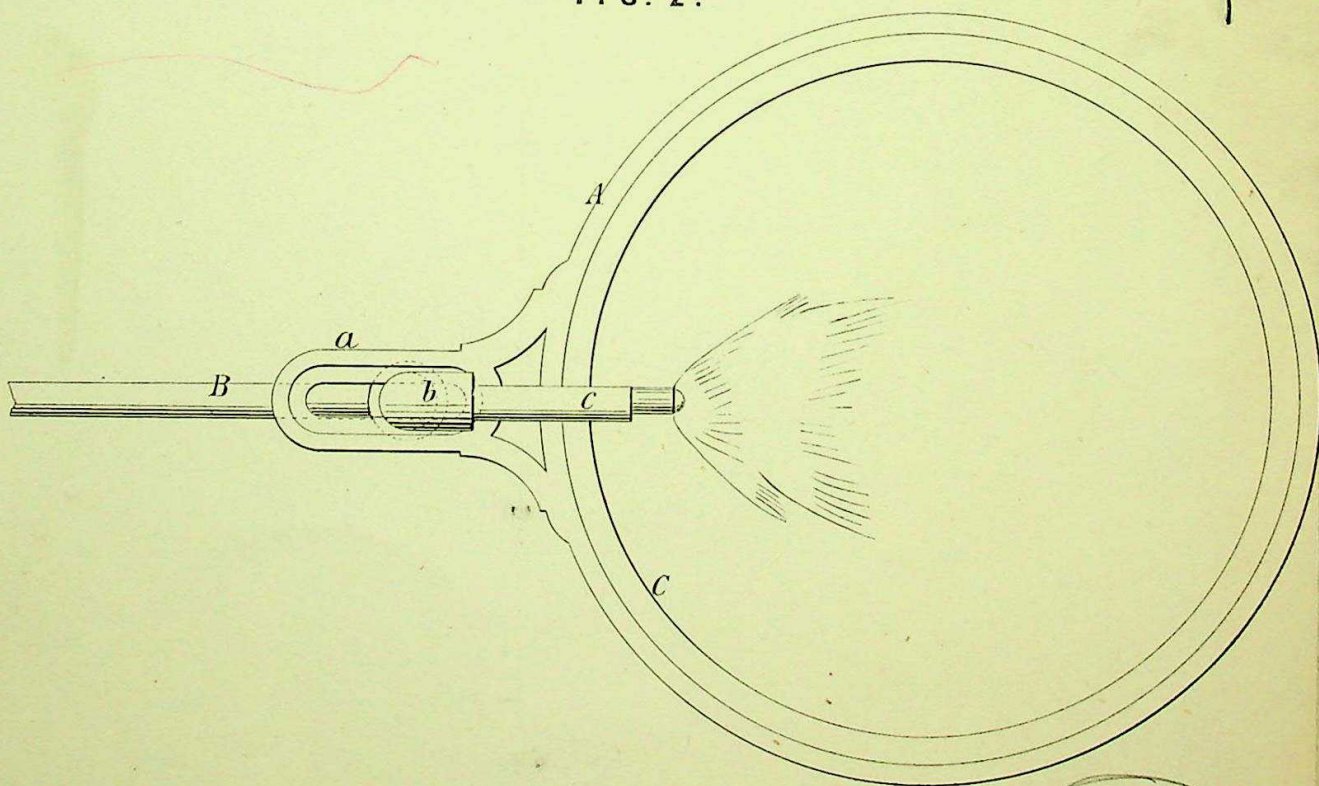
British 977

Apr 3, 1872, Lake

2014

glass

FIG. 2.



2

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Lake's Improved Apparatus for Concentrating Light.

to shew the objects in the room where the light is burning. By these means an illuminating apparatus is obtained which is of great advantage to watchmakers, lithographers, engravers, artists, or workmen of any kind wherever it may be desirable to produce a concentrated light on a
5 certain space. Experiments shew that by the application of the afore-said concentrating cup to a gas burner the light is increased at least four times, so that an ordinary two feet burner with the said concentrating cup produces a light of greater intensity than a six feet burner without such concentrating cup. If desired a dome, shade, or
10 globe may be placed over the burner to increase the light still further.

Having thus fully described the said Invention, as communicated to me by my foreign correspondent, and the manner of performing the same, I wish it understood that I claim,—

First. The ring bracket A supporting the suspended cup C in combination with the gas burner extending horizontally over the said cup,
15 substantially as and for the purpose described.

Second. The slotted arm *a* on the ring bracket in combination with the cup C and burner *c*, as set forth.

In witness whereof, I, the said William Robert Lake, have here-
20 unto set my hand and seal, this Third day of April, in the year of our Lord One thousand eight hundred and seventy-two.

W^M. ROBT. LAKE. (L.S.)

Witness,

W. J. LOWE.

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